



STAFF REPORT

AGENDA NO: 8d

MEETING DATE: June 7, 2021

To: Honorable Mayor and City Council

Date: June 7, 2021

**From: Syed Murtuza, Director of Public Works – (650) 558-7230
Mahesh Yedluri, Senior Civil Engineer – (650) 558-7238**

Subject: Adoption of Resolutions Awarding a Construction Contract to Trinet Construction, Inc. in the Amount of \$1,068,000 for the Wastewater Treatment Facility Process Piping Improvements, and Approving a Professional Services Agreement with Nickitas 7280 in the Amount of \$127,957 for Construction Management Services

RECOMMENDATION

Staff recommends that the City Council adopt the attached resolutions as follows:

- (1) Award a construction contract to Trinet Construction, Inc. in the amount of \$1,068,000 for the Wastewater Treatment Facility Process Piping Improvements, City Project No. 86150, and authorize the City Manager to execute the same; and
- (2) Approve a professional services agreement with Nickitas 7280 in the amount of \$127,957 for construction management services related to the project, and authorize the City Manager to execute the same.

BACKGROUND

The project scope consists of replacing and upgrading the aging mechanical process piping within the City's wastewater treatment facility. The piping improvements include replacements of the digester gas piping, hot water piping, waste activated sludge (WAS) piping, gravity thickener area piping, a portion of return activated sludge (RAS) piping, and associated appurtenances.

These improvements were identified as part of the 2016 Wastewater Treatment Facility Master Plan because the process pipelines have increasingly become a maintenance issue and present safety concerns. Recently, one of the RAS piping joints experienced failure resulting in sludge leak. The treatment plant made temporary repairs to keep the facility operational. As part of this project, a segment of the failed pipeline that has deteriorated will be replaced with a new pipeline.

DISCUSSION

Construction Contract

The project was advertised for bids on April 15, 2021. The sealed bids were opened on May 19, 2021. The City received four bid proposals with base bids ranging from \$1,068,000 to \$1,344,044. Trinet Construction, Inc. is the lowest responsible bidder with its base bid amount of \$1,068,000, which is 8% lower than the engineer's estimate of \$1,157,000. Staff has reviewed the contractor's proposal and found that the contractor has met all the project requirements. Furthermore, the contractor has a good track record of successfully performing similar work for other public agencies.

Professional Services Agreement

Nickitas 7280 was selected to perform construction management services for the project because of their experience with and knowledge of construction methods, construction of mechanical piping, and having successfully completed similar projects, including their past performance related to construction management and inspection of the retention basin at the Wastewater Treatment Plant. Staff has negotiated the following scope of professional services with Nickitas 7280 for construction management and inspection services in the amount of \$127,957.

- Review, process, and approve pre-construction project drawings and submittals.
- Attend and manage pre-construction meetings between the City and Contractor.
- Review and advise the City on Contractor's overall and weekly construction schedule.
- Perform daily construction inspection and provide construction management services for the duration of the project.
- Prepare daily written construction reports and photographic records of the project.
- Attend weekly construction progress meetings, perform necessary field engineering work, and perform independent quality assurance assessments.
- Perform required testing and project close out inspections and develop final punch list.
- Coordinate the submittal review and approvals with the design engineer.
- Review and respond to requests for information, requests for contract change orders, and process construction progress payments.
- Negotiate claims, liquidated damages, and final payment.
- Prepare final project recording drawings.

The professional services fee represents approximately 12% of the estimated construction cost. The fee amount is consistent with industry standards for construction management and inspection services based on the scope and complexity of the project involving various methods of pipeline installation. The project construction is anticipated to begin in July 2021 and is expected to be completed by February 2022 barring construction delays.

FISCAL IMPACT

Estimated Project Expenditures

The following are the estimated project construction expenditures:

Construction Contract	\$1,068,000
Construction Management and Inspection	\$127,957
Engineering & Design Support During Construction	\$66,547
Construction Contingency (15%)	\$160,200
Contract Administration	\$27,296
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Total:	\$1,450,000

Funding Availability

There are adequate funds available in the Sewer Capital Improvement Program to complete the project.

Exhibits:

- Resolution Awarding Construction Contract
- Resolution Approving Professional Services Agreement
- Construction Contract
- Professional Services Agreement
- Bid Summary
- Project Location Map